Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (original). A method of encoding data comprising the steps of:

    (a)   encoding data of a first layer of a first medium at a first rate;

    (b)   encoding data of a second layer of said first medium at a second rate; and

    (c)   in response to transmission of a datum of a second medium, reducing at least one of said first and said second rates in accordance with a relationship of a latency of said second medium and a quality of said first medium.

2 (original). The method of claim 1 wherein said relationship of said latency of said second medium and said distortion of said first medium is determined by a cost function

3 (original). The method of claim 1 wherein said first medium is a push medium.

4 (original). The method of claim 1 wherein said second medium is a pull medium.

5 (original). The method of claim 1 wherein said first medium is encoded for transmission according to a Real -Time Transport protocol.

6 (original). The method of claim 1 wherein said second medium is transmitted according to a Hyper-Text Transfer Protocol.

7 (original). The method of claim 1 further comprising the step of increasing an encoding rate for said first layer of said first medium and said second layer of said first medium upon completion of said transmission data of said second medium.

8 (original). The method of claim 1 further comprising the step of increasing an encoding rate for said first layer of said first medium and an encoding rate of said second layer of said first medium upon expiration of a time interval for said transmission of data of said second medium.

9 (currently amended). A method of transferring data comprising the steps of:

    (a) receiving data of a first layer of a ~~first~~ <u>push</u> medium;

    (b) receiving data of a second layer of said ~~first~~ <u>push</u> medium;

    (c) in response to transmission of a datum of a ~~second~~ <u>pull</u> medium, discontinuing said reception of said data of said second layer of said ~~first~~ <u>push</u> medium.

10 (currently amended). The method of claim 9 wherein the step of discontinuing reception of said data of said second layer of said ~~first~~ <u>push</u> medium in response to transmission of said datum of said ~~second~~ <u>pull</u> medium, comprises the step of discontinuing reception of said data of said second layer in the event of at least one of a loss of data exceeding a threshold data loss and reception of said data of said second layer for a interval less than a threshold reception interval when said transmission of said datum of said ~~second~~ <u>pull</u> medium is initiated.

11 (currently amended). The method of claim 9 further comprising the step of suppressing an attempt to resume said discontinued reception of data of said second layer during transmission of said ~~second~~ <u>pull</u> medium.

12 (currently amended). The method of claim 9 wherein the step of receiving said data of said first and said second layers of said ~~first~~ <u>push</u> medium comprises the step of receiving data transmitted according to a Real-Time Transport protocol.

13 (currently amended). The method of claim 9 wherein said transmission of said datum of said ~~second~~ <u>pull</u> medium is accomplished according to a Hyper-Text Transfer Protocol.

14 (original). A method of data transfer for a network comprising the steps of:

(a) transmitting data of a first layer of a first medium at a first rate;

(b) transmitting data of a second layer of said first medium at a second rate;

(c) in response to transmission of a datum of a second medium, reducing said first rate as a function of a latency of said second medium;

(d) in response to transmission of said datum of said second medium, reducing said second rate as function of said reduced first rate; and

(e) discontinuing reception of data of said second layer of said first medium in the event of at least one of a loss of data exceeding a threshold data loss and reception of said data of said second layer for an interval less than a threshold reception interval when said transmission of said second medium is initiated.

15 (original). The method of claim 14 wherein said first medium is a push medium.

16 (original). The method of claim 14 wherein said second medium is a pull medium.

17 (previously amended).   The method of claim 14 further comprising the step of increasing of said rates for said first layer and said second layer of said first medium upon completion of said transmission of data of said second medium.

18 (currently amended).   The method of claim 14 further comprising the step of increasing said ~~rates~~ rate for said first layer and said rate for said second layer of said first medium upon expiration of a time interval for said transmission of data of said second medium.

19 (original). The method of claim 14 further comprising the step of suppressing an attempt to resume said discontinued reception of said data of said second layer of said first medium during transmission of said second medium.

20 (original)   The method of claim 14 wherein said data of said first medium are transmitted with a Real-Time Transport protocol.

21 (original).   The method of claim 14 wherein said datum of said second medium is transmitted with a Hyper-Text Transfer Protocol.